

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Joseph A. Zupanick
Filed: October 14, 2003
Title: CAVITY POSITIONING TOOL AND METHOD

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

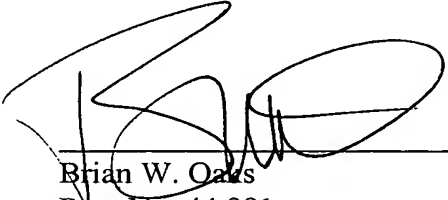
INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form, and previously cited in U.S. Application Serial No. 10/188,159, filed July 1, 2000 by Applicant and entitled "Cavity Positioning Tool and Method," be considered and cited in the examination of the above-identified continuation patent application. Pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

Pursuant to 37 C.F.R. § 1.97(b), Applicant believes that no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker & Botts, L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicant



Brian W. Oaks
Reg. No. 44,981

Date: October 14, 2003

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Patent Trademark Office

PTO-1449 Information Disclosure Citation in an Application	Application No.	Applicant(s) Joseph A. Zupanick	
	Docket Number 067083.0283	Group Art Unit	Filing Date October 14, 2003

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	54,144	04/24/1866	Hamar			
	B	130,442	08/00/1872	Russell	166	243	
	C	274,740	03/27/1883	Douglass			
	D	526,708	10/02/1894	Horton			
	E	639,036	12/12/1899	Heald			08/21/1899
	F	1,189,560	07/04/1916	Gondos			10/21/1914
	G	1,230,666	06/1917	Carden			
	H	1,285,347	11/19/1918	Otto			02/09/1918
	I	1,467,480	09/11/1923	Hogue			12/19/1921
	J	1,485,615	03/04/1924	Jones			12/08/1920
	K	1,674,392	06/19/1928	Flansburg			08/06/1927
	L	1,777,961	10/07/1930	Capeliuschnicoff			04/04/1927
	M	2,028,285	10/1935	Schweitzer et al.	166	21	
	N	2,033,521	03/00/1936	Horn	166	237	
	O	2,069,482	02/02/1937	Seay	255	76	04/18/1935
	P	2,150,228	03/14/1939	Lamb	166	10	08/31/1936
	Q	2,169,718	08/15/1939	Böll, et al.	255	24	04/01/1937

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	R	0 875 661 A1	11/04/1998	EP	E21B	43/30	x	
	S	0 952 300 A1	10/27/1999	EP	E21B	7/12	x	
	T	197 25 996 A1	01/02/1998	DE	E03B	3/10		x
	U	0 819 834 A1	21/01/1998	EP	43	28		X

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	V	Joseph A. Zupanick; Declaration of Experimental Use with attached exhibits A-D, pp. 1-3	11/14/2000
	W	Howard L. Hartman, et al.; "SME Mining Engineering Handbook;" Society for Mining, Metallurgy, and Exploration, Inc, pp. 1946-1950, 2nd Edition, Volume 2	1992
	X	Pending Patent Application, Joseph A Zupanick, <i>Cavity Well Positioning System and Method</i>	Filed 10/24/2000

EXAMINER

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	2,335,085	11/23/1943	Roberts	251	107	03/18/1941
	B	2,450,223	09/1948	Barbour	255	76	
	C	2,490,350	12/06/1949	Grable	166	4	12/15/1943
	D	2,679,903	06/01/1954	McGowen, Jr., et al.	166	1	11/23/1949
	E	2,726,063	12/06/55	Ragland, et al.	255	1.8	05/10/52
	F	2,783,018	02/26/1957	Lytle	251	25	02/11/1955
	G	2,847,189	08/12/1958	Shook	255	76	01/08/1953
	H	2,911,008	11/03/1959	Du Bois	137	625.31	04/09/1956
	I	2,980,142	04/18/1961	Turak	137	637.3	09/08/1958
	J	3,107,731	10/00/1973	Dinning	166	217	
	K	3,236,320	02/1966	Russ	175	263	
	L	3,347,595	10/17/67	Dahms, et al.	299	4	05/03/65
	M	3,443,648	05/13/1969	Howard	175	103	09/13/1967
	N	3,473,571	10/21/1969	Dugay	137	625.4	12/27/1967
	O	3,503,377	03/31/1970	Beatenbough, et al.	123	117	07/30/1968
	P	3,528,516	09/15/1970	Brown	175	267	08/21/1968
	Q	3,530,675	09/1970	Turzillo	61	35	
	R	3,684,041	08/15/1972	Kammerer, Jr., et al.	175	267	11/16/1970

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	S	94 21889	29/09/1994	PCT	43	24	X	

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	T	Pending Patent Application, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," Serial No. 09/789,956	02/20/2001 Filed
	U	Pending Patent Application, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," Serial No. 09/788,897	02/20/2001 Filed
	V	Pending Patent Application, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," Serial No. 09/791,033	02/20/2001 Filed
	W	Pending Patent Application, Joseph A. Zupanick, Method and System for Enhanced Access to a Subterrean Zone," Serial No. 09/769,098	01/24/01 Filed

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	Docket Number 067083.0283	Group Art Unit	Filing Date October 14, 2003

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	3,692,041	09/19/1972	Bondi	137	238	01/04/1971
	B	3,757,876	09/11/1973	Pereau	175	267	09/01/1971
	C	3,757,877	09/1973	Leathers	175	269	
	D	3,800,830	04/02/1974	Etter	137	625.41	01/11/1973
	E	3,809,519	05/07/1974	Garner	425	245	10/19/1972
	F	3,828,867	08/13/1974	Elwood	175	45	05/15/1972
	G	3,874,413	04/01/1975	Valdez	137	625.47	04/09/1973
	H	3,902,322	09/02/1975	Watanabe	61	35	08/27/1973
	I	3,934,649	01/27/1976	Pasini, III, et al.	166	254	07/25/1974
	J	3,957,082	05/18/1976	Fuson, et al.	137	625.41	09/26/1974
	K	3,961,824	06/08/1976	Van Eek, et al.	299	17	10/21/1974
	L	4,037,658	07/26/77	Anderson	166	272	10/30/75
	M	4,073,351	02/14/1978	Baum	175	14	06/10/1976
	N	4,089,374	05/16/1978	Terry	166	259	12/16/1976
	O	4,116,012	09/26/1978	Abe, et al.	405	238	07/14/1977
	P	4,156,437	05/29/1979	Chivens, et al.	137	554	02/21/1978

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	Q	EP 0300627 A1	01/1989	Europe	E21B	17/10		
	R							
	S							
	T							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	U	Pending Patent Application, Joseph A. Zupanick, <i>Method and System for Accessing a Subterrean Zone from a Limited Surface Area,</i> Serial No. 09/774,996	01/30/01 Filed
	V	Pending Patent Application, Joseph A. Zupanick, <i>Method and System for Accessing a Subterrean Zone from a Limited Surface Area,</i> Serial No. 09/773,217	01/30/01 Filed
	W	Nackerud Product Description	09/27/01 Rec'd Date
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	4,169,510	10/02/1979	Meigs	175	65	08/16/1977
	B	4,189,184	02/19/1980	Green	299	8	10/13/1978
	C	4,220,203	09/02/80	Steeman	166	271	12/06/78
	D	4,221,433	09/09/80	Jacoby	299	4	07/20/78
	E	4,257,650	03/24/1981	Allen	299	2	09/07/1978
	F	4,278,137	07/14/1981	Van Eek, deceased	175	267	06/18/1979
	G	4,296,785	10/27/1981	Vitello, et al.	141	105	07/09/1979
	H	4,299,295	11/10/1981	Gossard	175	45	02/08/1980
	I	4,312,377	01/26/1982	Knecht	137	625.19	08/29/1979
	J	4,317,492	03/02/82	Summers, et al.	175	79	02/26/80
	K	4,366,988	01/04/1983	Bodine	299	14	04/07/1980
	L	4,372,398	02/08/1983	Kuckes	175	45	11/04/1980
	M	4,390,067	06/28/83	Willman	166	245	04/06/81
	N	4,396,076	08/02/1983	Inoue	175	265	04/27/1981
	O	4,397,360	08/09/83	Schmidt	175	61	07/06/81
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	4,401,171	08/30/1983	Fuchs	175	267	12/10/1981
	B	4,407,376	10/04/1983	Inoue	175	267	06/26/1981
	C	4,442,896	04/17/84	Reale, et al.	166	278	07/21/82
	D	4,494,616	01/22/1985	McKee	175	67	07/18/1983
	E	4,512,422	04/23/85	Knisley	175	99	06/28/83
	F	4,527,639	07/09/85	Dickinson, III, et al.	175	61	03/02/83
	G	4,532,986	08/06/85	Mims, et al.	166	50	05/05/83
	H	4,544,037	10/01/1985	Terry	166	369	02/21/1984
	I	4,558,744	12/17/1985	Gibb	166	335	09/13/1983
	J	4,565,252	01/21/1986	Campbell, et al.	175	269	03/08/1984
	K	4,600,061	07/15/1986	Richards	175	62	06/08/1984
	L	4,605,076	08/12/1986	Goodhart	175	61	08/03/1984
	M	4,611,855	09/16/1986	Richards	299	2	05/11/1984
	N	4,618,009	10/21/1986	Carter, et al.	175	267	08/08/1984
	O	4,638,949	01/27/1987	Mancel	239	307	04/26/1984

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U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	4,674,579	06/23/1987	Geller, et al.	175	45	03/07/1985
	B	4,702,314	10/27/1987	Huang, et al.	166	245	03/03/1986
	C	4,715,440	12/29/1987	Boxell, et al.	166	100	07/14/1986
	D	4,763,734	08/16/88	Dickinson, et al.	175	62	12/23/85
	E	4,830,105	05/16/1989	Petermann	166	241	02/08/1988
	F	4,842,081	06/27/1989	Parant	175	23	05/18/1988
	G	4,852,666	08/01/1989	Brunet, et al.	175	61	04/07/88
	H	4,978,172	12/18/1990	Schwoebel, et al.	299	12	10/26/89
		4,981,367	01/1991	Brazelton	366	308	
	I	5,016,710	05/21/1991	Renard, et al.	166	245	06/26/87
	J	5,035,605	07/30/1991	Dinerman, et al.	425	564	02/16/1990
	K	5,036,921	08/06/1991	Pittard, et al.	166	298	06/28/1990
	L	5,074,360	12/24/1991	Guinn	166	281	06/10/90
	M	5,074,365	12/24/1991	Kuckes	175	40	09/14/1990
	N	5,074,366	12/24/1991	Karlsson, et al.	175	76	06/21/1990
	O	5,111,893	05/12/1992	Kvello-Aune	175	258	12/24/1990

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,135,058	08/04/1992	Millgard, et al.	175	71	04/26/1990
	B	5,148,875	09/22/1992	Karlsson, et al.	175	62	09/24/1991
	C	5,168,942	12/08/1992	Wydrinski	175	50	10/21/1991
	D	5,174,374	12/29/1992	Hailey	166	55.8	10/17/1991
	E	5,197,553	03/30/1993	Leturno	175	57	08/14/1991
	F	5,197,783	03/30/93	Theimer, et al.	299	17	04/29/91
	G	5,199,496	04/06/93	Redus, et al.	166	366	10/18/91
	H	5,201,817	04/13/1993	Hailey	175	269	12/27/1991
	I	5,217,076	06/08/1993	Masek	166	303	09/27/1991
	J	5,240,350	08/31/1993	Yamaguchi, et al.	405	143	03/08/1991
	K	5,242,017	09/07/1993	Hailey	166	55.8	12/27/1991
	L	5,246,273	09/21/93	Rosar	299	4	05/13/91
	M	5,255,741	10/26/1993	Alexander	166	278	12/11/1991
	N	5,271,472	12/21/1993	Leturno	175	107	10/14/1992
	O	5,301,760	04/12/94	Graham	175	61	09/10/92

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,363,927	11/15/1994	Frank	175	67	09/27/1993
	B	5,385,205	01/31/1995	Hailey	166	55.8	10/04/1993
	C	5,402,851	04/04/95	Baiton	166	369	05/03/93
	D	5,411,085	05/02/1995	Moore, et al.	166	242	11/01/1993
	E	5,411,104	05/02/1995	Stanley	175	65	02/16/1994
	F	5,450,902	09/19/95	Matthews	166	268	05/14/93
	G	5,454,419	10/03/1995	Vloedman	166	277	09/19/1994
	H	5,462,116	10/31/1995	Carroll	166	249	10/26/1994
	I	5,469,155	11/21/1995	Archambeault, et al.	340	853.4	07/11/1994
	J	5,485,089	01/16/1996	Kuckes	324	346	10/08/1993
	K	5,494,121	02/27/1996	Nackerud	175	263	11/29/1994
	L	5,501,273	03/26/1996	Puri	166	252.5	10/04/1994
	M	5,501,279	03/26/1996	Garg, et al.	166	372	01/12/1995
	N	5,584,605	12/17/96	Beard, et al.	405	128	06/29/95
	O	5,613,425	03/1997	Krznaric	99	348	
	P	5,615,739	04/01/97	Dallas	166	306	04/30/96
	Q	5,659,347	08/19/1997	Taylor	347	85	11/14/1994

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	A	5,669,444	09/23/1997	Riese, et al.	166	263	01/31/1996
	B	5,690,390	11/25/97	Bithell	299	4	04/19/96
	C	5,706,871	01/13/1998	Andersson, et al.	141	59	08/15/1995
	D	5,720,356	02/24/98	Gardes	175	62	02/01/96
	E	5,785,133	07/28/98	Murray, et al.	175	61	08/29/95
	F	5,832,958	11/10/1998	Cheng	137	625.41	09/04/1997
	G	5,853,054	12/29/1998	McGarian, et al.	175	267	10/31/1995
	H	5,868,202	02/09/99	Hsu	166	256	09/22/97
	I	5,868,210	02/09/1999	Johnson, et al.	175	40	05/01/1996
	J	5,879,057	03/09/1999	Schwoebel, et al.	299	17	11/12/1996
	K	5,917,325	06/29/1999	Smith	324	326	03/19/1996
	L	5,934,390	08/10/99	Uthe	175	67	12/23/97
	M	5,957,539	09/28/99	Durup, et al.	299	4	07/17/97
	N	6,024,171	02/15/2000	Montgomery, et al.	166	308	03/12/1998
	O						

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	A.	1,230,666	06/19/1917	D. A. Carden			05/31/1916
	B.	2,018,285	10/22/1935	R. R. Schweitzer et al.	166	21	11/27/1934
	C.	2,450,223	09/28/1948	W. R. Barbour	255	76	11/25/1944
	D.	3,236,320	02/22/1966	J. E. Russ	175	263	10/02/1963
	E.	3,530,675	09/29/1970	L. A. Turzillo	61	35	08/26/1968
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	N.		
	O.		
	P.		
	Q.		
	R.		
	S.		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. Patent and Trademark Office

PTO-1449 Information Disclosure Citation In an Application	Application No.		Applicant(s) Joseph A. Zupanick	
	Docket Number 067083.0283	Group Art Unit	Filing Date October 14, 2003	

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	P		
	Q		
	R		

EXAMINER

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U.S. PATENT AND TRADEMARK OFFICE

PTO-1449			Application No.		Applicant(s) Joseph A. Zupanick		
Information Disclosure Citation In an Application			Docket Number 067083.0283		Group Art Unit		Filing Date October 14, 2003
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							YES NO
	FF						
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
	GG						
	HH						
	II						
	JJ						
EXAMINER				DATE CONSIDERED			
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